EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	475	destination same (select$3 or switch$3) same $4speaker$1 same transmit$4	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2010/04/16 16:53
L2	0	L1 and ((700/94).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/04/16 16:53
L3	1	L1 and ((381/306,300,27,77,79,1,2,105,104,107,332).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2010/04/16 16:54
S1	4	(("5,579,304" or "5,694,436" or "2002t0072816")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/11 17:24
S2	6	(("5,579,304" or "5,694,436" or "20020072816")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/11 17:25
S3	5	(("20030062990" or "6,445,369")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/11 17:26

S4	25	(("6,754,354" or "20030095096" or "200210135513" or "5,428,341" or "20040097851" or "200410131193" or "20040062270" or "6,445,369" or "200210145509" or "5,491,755" or "5,661,848" or "200410250273" or "200210101357" or "5,406,634" or "5,646,602" or "7,043,671" or "6,507,273")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/11 17:29
S5	43	(("3,942,170" or "4,319,224" or "4,523,128" or "4,845,751" or "5,095,382" or "5,218,641" or "5,410,735" or "5,471,190" or "5,596,603" or "5,652,766" or "5,666,658" or "5,784,468" or "5,946,343" or "6,006,115" or "6,041,225" or "6,157,292" or "6,215,981" or "6,243,413" or "6,337,913")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/11 17:31
S6	2	"5091952".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 08:58
S7	3	"6,445,369".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 10:03
S8	4	(("5,406,634" or "5,646.602" or "7,043.671" or "6,507,273")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 10:04
S9	5	"2003006299".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 10:06
S10	2	"20030062990".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 10:07

S11	27	(("6,754,354" or "20030095096" or "20020135513" or "5,428,341" or "20040097851" or "20040131193" or "20040062270" or "6,445,369" or "20020145509" or "5,491,755" or "5,661,848" or "20040250273" or "20020101357")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 10:09
S12	99	(("20030210796" or "20050018857" or "4321581" or "4389577" or "5598039" or "5814902" or "5986539" or "6370396" or "6459175" or "6697618" or "7050831" or "7113763" or "7142094" or "20020098867" or "20020098868" or "20030074672" or "20030224728" or "20040234088" or "20050010954" or "20050165967" or "20050180561" or "20060033454" or "20060193110" or "20060233203" or "20070019669" or "20070041339" or "20070041340" or "20070147407" or "20070259644" or "20070275595" or "4445053" or "5198779" or "5339362" or "5546273" or "5627898" or "6078908" or "6249642" or "4257062" or "4388490" or "4467287" or "4479238" or "4481661" or "4509190" or "4622690" or "4627090" or "5204862" or "5311549" or "5343043" or "5359374" or "5371367")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 10:19
S13	0	"7346332".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 11:20
S14	2	"0734632".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 11:20
S15	0	"7346332".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 11:21

S16	2	("7187029").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 11:26
S17	2	("7181029").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 11:28
S18	6	"20020048381" | "4403112" | "4860363" | "4991687" | "5181247" | "5448647").PN. OR ("7181029").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/12 11:29
S19	2	("20030062990").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/12 17:30
S20	2	("7136712").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/14 16:02
S21	9	("20010020193" | "20020006081" | "5757928" | "5798818" | "6016295" | "6129283" | "6442278" | "6772024" | "6867820"). PN. OR ("7136712").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 16:02
S22	4	((KAZUHIKO) near2 (TERAMACHI)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 16:13
S23	10	("5042070" | "5757928" | "5963705" | "6108584" | "6233394" | "6341166" | "6449371" | "6704421" | "6867820" | "6895173"). PN. OR ("7248935").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 16:14
S24	2	("6487296").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/14 16:16
S25	14	("3590382" | "4612665" | "4899388" | "5182552" | "5218641" | "5361381" | "5666422" | "5666658" | "5668884" | "5673323" | "5708718" | "6154549" | "6198825").PN. OR ("6487296").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 16:20

S26	23	"3927316" | "4405832" | "4513446" | "4621374" | "4736461". PN. OR ("4899388").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/14 16:25
S27	930	hous$3 same transmit$4 same audio same $4peaker$1 same receiv$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/15 12:26
S28	614	(381/306 or 381/300).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/15 12:27
S29	827	(381/77 or 381/37).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/15 12:27
S30	1	S27 and S28 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/15 12:28
S31	22	("3069505" | "3478167" | "3697692" | "3725586" | "3757047" | "4394535" | "4612663" | "4819269" | "4899388" | "5027687" | "5181247" | "5386473").PN. OR ("5666422").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/03/15 12:33
S32	7	S27 and S29 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/15 12:37
S33	55	S27 and (("381"/$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/15 12:42

S34	2757852	$4speaker$1 same amplif$4 same (pulse adj width adj modulat $4) same power stage module	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 16:13
S35	352	$4speaker$1 same amplif$4 same (pulse adj width adj modulat $4) same power	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 16:14
S36	134	$4speaker$1 same amplif$4 same (pulse adj width adj modulat $4) same power same convert$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 16:14
S37	13	S36 and (("381"/$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 16:15
S38	1	($4speaker adj hous$4) same transmit$4 same powerline same satellite same $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 20:20
S39	4	($4speaker adj hous$4) and transmit$4 and powerline and satellite and $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 20:21
S40	3	transmit$4 same powerline same satellite same $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 20:22

S41	185	transmit$4 and powerline and satellite and $4speaker$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 20:23
S42	2	S41 and (("381"/$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 20:24
S43	75	S41 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/03/17 20:26
S44	5	(("20030050737") or ("6993417") or ("6922730")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/03/18 09:24
S45	2	("5233663").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/30 12:51
S46	6	"3720788" | "4340779" | "4941187").PN. OR ("5233663").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 12:52

S47	99	(("7346332") or ("20030210796") or ("20040234088") or ("20050018857") or ("20080123868") or ("20080158001") or ("5953430") or ("6101257") or ("5742689") or ("5757936") or ("6075868") or ("7483538") or ("20040114770") or ("20050195986") or ("20060045294") or ("20050165967") or ("20070167188") or ("7455435") or ("20060033454") or ("5641927") or ("4384758") or ("4427252") or ("4468083") or ("4502149") or ("4922541") or ("5191176") or ("5222145") or ("5307418") or ("20050169493") or ("6459175") or ("20050235329") or ("4777856") or ("4303836") or ("4862159") or ("4870690") or ("5208860") or ("5323257") or ("5371799") or ("5404566") or ("5463619") or ("5469510") or ("5481509") or ("5784476") or ("5872855") or ("6061455") or ("6061455") or ("6122381") or ("6134456") or ("6411717") or ("6674865")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/30 15:21
S48	1	"7483538").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/30 15:42
S49	3	("20040223622" | "6233002" | "6608907").PN. OR ("7483538").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 15:43
S50	3	"7346332"	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 15:49
S51	40	("20020072816" | "20020101357" | "20020135513" | "20020145509" | "20030062990" | "20030095096" | "20040062270" | "20040097851" | "20040131193" | "20040250273" | "3942170" | "4319224" | "4523128" | "4845751" | "5095382" | "5218641" | "5406634" | "5410735" | "5428341" | "5471190" | "5491755" | "5579304" | "5596603" | "5646602" | "5652766" | "5661848" | "5666658" | "5694436" | "5784468" | "5946343" | "6006115" | "6041225" | "6157292" | "6215981" | "6243413" | "6337913" | "6445369" | "6507273" | "6754354" | "7043671").PN. OR ("7346332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/30 15:49
S52	410	destination same (select$3 or switch$3) same $4speaker$1 same transmit$4	US-PGPUB; USPAT; USOCR; JPO; DERWENT	OR	ON	2009/01/30 15:56

S53	1	S52 and (("381"/$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/30 15:57
S54	0	S52 and ((700/94).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/30 15:58
S55	43	S52 and (("455"/$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/30 15:58
S56	118	((WILLIAM) near2 (MCCARTY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 10:06
S57	118	((WILLIAM) near2 (MCCARTY)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/31 11:27
S58	2	"20040250273"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/01/31 12:00
S59	2	("20030062990").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/31 14:35
S60	2	("5233663").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/01/31 21:10

S61	98	(("7346332") or ("20030210796") or ("20040234088") or "200500118857") or ("20080123868") or ("20080158001") or "5953430") or ("6101257") or ("20050165967") or ("5742689") or ("5757936") or ("6075868") or ("7483538") or "20040114770") or ("20050195986") or ("20060045294") or "20090067640") or ("20070167188") or ("7455435") or "20060033454") or ("20090040030") or ("5641927") or "6459175") or ("20050235329") or ("4384758") or ("4427252") or ("4468083") or ("4502149") or ("4922541") or ("5191176") or "5222145") or ("5307418") or ("20050169493") or ("4777856") or ("4303836") or ("4862159") or ("4870690") or ("5208860") or "5323257") or ("5371799") or ("5404566") or ("5463619") or "5469510") or ("5481509") or ("5784476") or ("5872855") or "6061455") or ("6061455") or ("6122381") or ("6134456")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:17
S62	3	"20040223622" "6233002" "6608907").PN. OR ("7483538". URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 12:19
S63	2	"5668884").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/20 16:04
S64	24	"2567431" | "3235804" | "4165487" | "4610024" | "4618987" | "4829500" | "4899388" | "4993074" | "5058169" | "5131051"). PN. OR ("5668884").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 16:04
S65	15	"20020048381" | "20040190529" | "4424416" | "5193208" | "5666422" | "5668884" | "5673323" | "5814752" | "5946343" | "6064699" | "6111960" | "6337913" | "6424820" | "6591085" | "6809635").PN. OR ("7295809").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 16:07
S66	24	"2567431" | "3235804" | "4165487" | "4610024" | "4618987" | "4829500" | "4899388" | "4993074" | "5058169" | "5131051"). PN. OR ("5668884").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/07/20 16:19
S67	3	"6587682").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/20 16:20

S68	2	"20020048381").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/20 16:29
S69	9	("6,473,135" or "6,167,140" or "5,533,129" or "4,070,546")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/07/20 16:31
S70	4	("6,493,244" or "20090102626")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/15 11:31
S71	2	"5440644").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/15 11:56
S72	101	(("7346332" or "20030210796" or "20040234088" or "20050018857" or "20080123868" or "20080158001" or "5953430" or "6101257" or "5742689" or "5757936" or "6075868" or "7483538" or "20040114770" or "20050195986" or "20060045294" or "20090067640" or "20090316912" or "20070167188" or "20050165967" or "7455435" or "20060033454" or "20090040030" or "5641927" or "4384758" or "4427252" or "4468083" or "4502149" or "4922541" or "5191176" or "5222145" or "5307418" or "20050169493" or "20090238384" or "4777856" or "4303836" or "4862159" or "4870690" or "5208860" or "5323257" or "5371799" or "5404566" or "5463619" or "5469510" or "5481509" or "5784476" or "5872855" or "6061455" or "6061455" or "6122381" or "6134456")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/15 12:42

S73	0	(transmit$3 same unamplif$4 same second same group same $4speaker$1 same destination same addr$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/15 14:25
S74	0	(transmit$3 same unamplif$4 same second same group same $4speaker$1 same destinat$3 same addr$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/15 14:25
S75	1	(transmit$3 same unamplif$4 same second same group same $4speaker$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/15 14:26
S76	274	(transmit$3 same (unamplif$4 or amplif$4) same second same group same $4speaker$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/15 14:27
S77	2	(transmit$3 same (unamplif$4 or amplif$4) same second same group same $4speaker$1 same destinat$3 same addr$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/15 14:27
S78	6	S76 and (("455"/$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/15 14:28
S79	1	S76 and (("381"/$).ccls.) and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/15 14:30

S80	23	S76 and @ay<="2002"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/04/15 14:31
S81	2	("5661811").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/15 15:15
S82	30	"5034996" | "5108335" | "5182522" | "5420931" | "5526434" | "5546273").PN. OR ("5661811").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/15 15:15
S83	2	("7190798").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/16 09:02
S84	12	"20030012389" | "20030053636" | "20030215102" | "5108335" "5420931" | "5661811" | "6014381" | "6148253" | "6330337" | "6407733" | "6694236").PN. OR ("7190798").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/04/16 09:03

4/ 16/ 2010 4:55:40 PM
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